

**A METHOD AND SYSTEM FOR ARBITRATING BETWEEN A LOCAL
ENGINE AND A NETWORK-BASED ENGINE IN A MOBILE
COMMUNICATION NETWORK**

ABSTRACT

A method (50) of arbitrating the selection of engines between a local engine (24 or 124) and a network-based engine (36 or 136) in a mobile communication network for voice recognition or text conversion can include the step of determining at least one factor among an available bandwidth on a given channel (90), a signal quality on the given channel (94), a latency indication (58), a desired application need (62, 66, or 70), a cost factor (92), a background environment indication (84), and a number of unsuccessful attempts on the given channel and the step of automatically selecting (74) one among the local engine and the network-based engine based upon the at least one factor determined when performing at least one among voice recognition and text conversion.